Orpheo MIKRO

Settings & User Manual
Reserved for Operations Personnel

orpheonetwork
global visitor solutions

SUMMARY

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2013-09-24	***Settings and user manual Orpheo Mikro***	*HG*	*5*	*English*	*1/15*

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PREFACE

This manual describes the basic functions of the Orpheo Mikro.

For all information relating to the organization and download of audio content, please refer to the Orpheo Manager Software User Manual.

I. STARTING THE AUDIOGUIDE

To turn the device on, press and hold the red key for 2 seconds. The Orpheo will first display a logo and then a message on the display will invite you to choose an audio track.

Feature +
If you press the green key, the available languages that have been loaded into the device will be shown on the display.

This feature is used by the personnel who distribute the audio guides in sites where multiple languages are required.

We recommend that you program all available languages on your devices.

Feature ++
The logo shown on the display can easily be changed using our Orpheo Manager Software.

II. CHANGING THE LANGUAGE

You are able to choose the language of the visit just after the device has been turned on and up until the first track is played. Once the first track has begun, the chosen language will be locked by the device and cannot be changed until the device has been restarted.

The language that will be used, if you do not select another one, will be the language shown on the display when the device is turned on.

To change the language on the Mikro:
Press the green (*) key and use the plus and minus keys to scroll through the list of possible languages. Once your desired language is highlighted, simply release the key and it will be selected automatically.

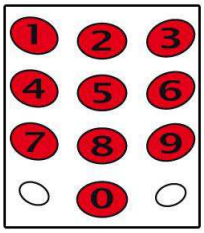
Feature +
Using Orpheo Manager, the default language can be defined when the languages are downloaded to the audioguides. Two choices exist: It can be set to always use the same starting language or can be set to use the last selected language by default.

Feature ++
Once a language is selected, it cannot be changed without restarting the device. This is intended to prevent the visitor from accidentally switching languages during the visit. If desired, this function can be unlocked to allow visitors to change languages on their own.

Feature +++
Changing languages in this way also changes the language of the text that appears on the screen.

Feature ++++
The displayed languages can incorporate special characters (option) such as those used in Japanese, Korean, Chinese, Arabic, etc.

III. LISTENING TO AN AUDIO TRACK



Mikro model:

Type in a number on the keypad to select the desired audio track. The sound will start automatically. There is a delay of a few seconds to allow time to bring the audioguide to the visitor's ear.

Feature +
The title of the active audio message will scroll across the display screen in the language the device is set to. It is also possible to have the complete text of the audio message scroll across the screen (subtitle mode). This function is particularly useful for the hearing impaired.

Feature ++
Dual headset plugs allow 2 visitors to listen to the commentary simultaneously with one unit. The loudspeaker can be set to an active or non-active status when the headset(s) is connected.

Feature +++
A color photo or video can be displayed while an audio track is playing.

Feature ++++
An audio track can branch off to other sound files and then return to the point of interruption. This function can be very useful to provide supplemental information within a long track. For example, let's say we have a lengthy audio track describing a particular street. On this street, there are several remarkable interest points. Each time a visitor would like to hear about one of these interest points, they can listen to one of the supplemental tracks and will afterwards be returned to the place where they left off in the main audio track.

IV. NAVIGATING WITHIN THE AUDO TRACKS

PAUSE: Press once to Pause and once to resume an audio track in session.

STOP/CANCEL (Red button): This button cancels the track you are listening to or the number you are dialing (if this number has several digits). This button turns off the device if held for more than 3 seconds.

VOLUME (Plus and minus symbols): Use these to adjust the volume.

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V. DUAL FUNCTION COLOR KEYS

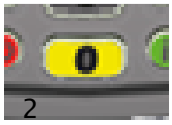
The Orpheo Mikro possesses 3 fully configurable color keys.

Each of these keys permit the visitor to request more information (where available), relating to the track they are currently listening to. Thus, if the visitor is listening to track "12", they will be able to retrieve additional information by pressing the green key. This will be a supplementary track, labeled as track "12 green". To illustrate, the script could be written as follows, "If you would like to hear more detail about the façade of the church, please press the green button".

Fonction +

A color key can be assigned the same type of commentary throughout the entire visit. The visitor should be informed at the beginning of the tour as to the type of information it will represent. For example, "If you would like to have additional information about the historical context of any of the interest points during your tour, press the green button".

VI. SWITCHING THE DEVICE OFF



To turn off the Orpheo, simply hold down the red key or the 0 key.

Feature +
The Orpheo can be programmed to switch off automatically after a specific amount of time has passed.

Feature + + +
The Orpheo can also be programmed so that it is only possible for a staff member to turn off (anti-theft solution, for example).

VII. RECHARGING THE ORPHEO BATTERIES

All that is necessary to recharge the batteries of the Orpheo Mikro is to insert the devices into a slot in the charging rack (each rack has 24 slots), or to use a USB cable for individual devices.

When a device is entered into the charging rack, the red light will turn on. When the green light appears, it means that the batteries have been recharged.
A complete battery charge takes about 8 hours. If the battery of the inserted device is not completely empty it will take less time.
If the light doesn't switch on or if the light is orange, this indicates there was is a problem in the charging process.

Feature +
The charging rack uses a technology which enables a device to be charged at any time; for example, it's not necessary to wait until the battery is empty or nearly empty to have the best results.

Feature + +
The charging rack serves bath as a charging case and as a programmer for the audio program. It enables sound to be transferred from a computer to a master unit and then from the master unit to the rest of the devices (see following page).

Feature +++
In case of a power cut, the system will restart itself automatically and resume the charge where it was interrupted.

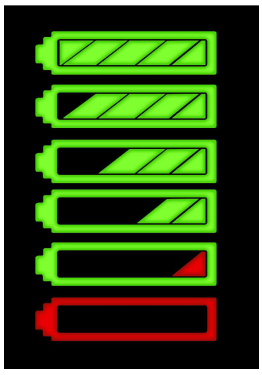
The USB adaptor:

To recharge the batteries of the Orpheo Mikro via the USB adaptor, connect the USB cable to a computer (USB socket is located on the right side of the Orpheo device).
The green light will turn on once the batteries have been recharged.

Battery Level Indicator:

When the unit is in operation, the battery level is displayed at the bottom left corner of the screen. The image below shows the different battery levels. From top to bottom, they are:

- 5 bars = fully charged battery (at least 8 hours of autonomy)
- 4 bars = at least 6 hours autonomy
- 3 bars = at least 4 hours autonomy
- 2 bars = at least 2 hours autonomy
- 1 bar = battery is almost empty (less than 2 hours of autonomy)
- Empty battery = no power



VIII. DOWNLOADING SOUND TO THE ORPHEO

To organize the sound program it is necessary to use ORPHEO Manager software (refer to the ORPHEO Manager User Manual).

Once the sound program has been set up in Orpheo Manager, it can be transferred by to the Compact Flash memory card of one of the devices.

1) To transfer the sound from a computer to the first device:

- Open the device with a Torx 6 (T6) screwdriver.
- Remove the Compact Flash card and insert it into a Compact Flash card reader connected to the computer. **Use FAT (Fat 16) to format the Compact Flash card.**
- In Orpheo Manager, select the drive assigned to the CF Card reader.
- In Orpheo Manager, press the button « transfer » on the appropriate screen.
- Once the transfer is complete, take this device and switch it into « Master » mode (see instructions in the grey box on the following page).

2) To transfer the sound from the "Master" unit to the rest of the audioguides

- Insert all of the devices except for the Master unit into the charging rack (keep the slot marked “Master” free). Check that all the devices are correctly inserted and switched on. When a device has been inserted, a flag will be displayed on the screen for 2 seconds.
- Switch the device which contains the content into master mode (refer to the instructions in the grey box on the following page)
- On the master device, choose the transfer option: all the content, only the settings or the firmware, « remote ON » or « remote OFF ». Validate by pressing the green button. A downward facing arrow indicates that the device is ready to transfer the content to the other devices.
- Insert the “Master” unit into the Master slot in the charging rack & the transfer will start automatically (see picture next page).
- When the master is inserted, the slave devices will display an upward facing arrow which means that they have received the transfer order. If one or several devices don’t display this arrow, remove them from the charging rack.
- A double status bar indicates the transfer progress. If a device has not received any data for 30 seconds, it will switch to a default status and a message invites you to press a key to reinitialize the device. In this case restart the transfer process.
- Wait for this message to appear on the master unit: “Done ! Now you can unplug“
- Remove the Master unit and switch it back to Normal mode (refer to the instructions in the grey box on the following page).
- Remove the slave units; they will switch off automatically when removing from the charging rack.

Function +

Any device can be switched into Master mode by typing in the code: 7415369i (for easy reference, these numbers form the letter M on the Orpheo keypad) and validate by pressing the green key "i".

A logo, along with options for downloading sound, will appear on the screen indicating the device is in Master mode.

To return a device to Normal mode, press the ON/OFF button briefly.

Function ++

Using Master mode, you can choose to transfer both sound and setting updates together or you can choose to transfer setting updates only.

Remarks

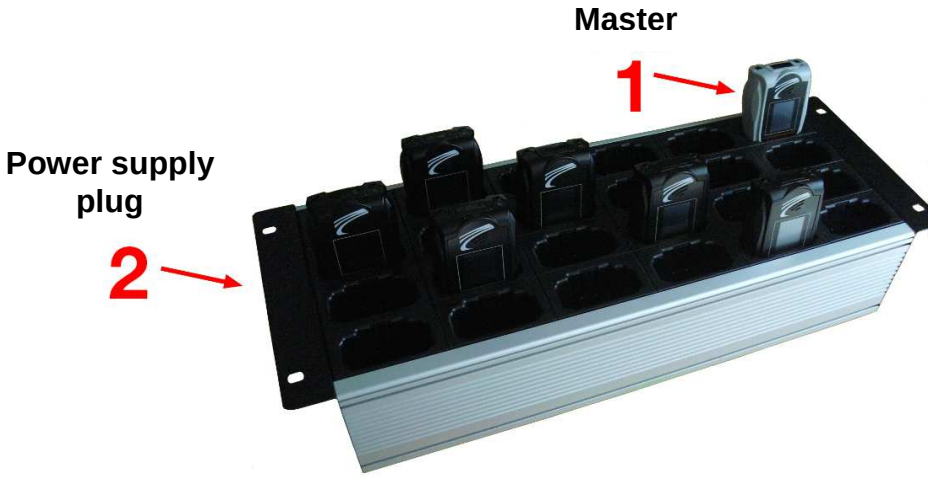
If you insert the "Master" in a wrong slot, the transfer will not work properly.

Be careful to insert the "master" in its slot only when all the "slaves" are already inserted. Otherwise, the transfer can be wrong.

The master slot (1: on the picture below) is on the same row and as the opposite of the power plug (2: on the picture below)

During the transfer, ensure to have a good visibility on the screens to be able to control the transfer.

The devices must have a minimum battery level (3 on 4) before proceeding to a transfer.



IX. THE CHARGING RACKS

1.1) Installing the charging racks

Regardless of the charging rack model, it is imperative to provide ventilation.

If the charging rack doesn't have enough ventilation or the ambiant temperature is too high, the devices switch into safety mode. The Led will switch to orange.

1. Plug the charging rack into a power outlet.
2. The charging rack is ready to use

1.2) Installing the devices

Insert each device into a charging rack slot.
The Led will switch to red.

The batteries are charging as long as the Led remains red.
Once the charging is complete, the Led will switch to green.

A full charge is not required. The device can be removed and used at any point in the charging cycle. It will start the charging process again once returned to the charging rack.

X. ORPHEO'S ADDITIONAL OPTIONS & FEATURES

- **"Subtitle"** option allows text to scroll along the display while the audio messages are playing.
- **Two headphone jacks** enable visitors to share the Orpheo on exceptionally busy days.
- "**Orpheo Desk Manager**" – dedicated software for audio tour distribution management.
- **Charging racks** are available in a 19 inch rackable format which can be integrated into a flight-case or custom cabinetry. We also have mobile, enclosable racks housing 240 audio guides.
- **Induction loops** improve the sound quality for persons with hearing impairments. Worn around the neck, the induction loop creates a magnetic field when the audio message is played. When the visitor's hearing aid is set to position "T", the hearing aid serves as a receiver of sound. For the latest generation of hearing aids, this reception is automatic. The use of induction loops enables visitors to have higher quality sound and also limits surrounding noise that can cause interference.

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Orpheo electronic equipment conforms to decree number 2005 – 829, dated July 2005.